

**Deep Space Systems Program
Preproposal Conference**

at

**Lunar and Planetary Institute
Houston, Texas
October 22, 1999**

Agenda

- o Deep Space Systems Project Overview** **R.Stahle/JPL**
 - Mission Overviews**
 - Technical Changes**
- o AO Overview For Europa Orbiter/PKE** **J. Bergstralh/Hq**
 - AO Overview**
 - Evaluation and Selection Process**
 - Evaluation Criteria**
- o AO Overview for Solar Probe** **V. Jones/Hq**
- o AO Changes and Q/A's** **J. Bergstralh/Hq**
- o Q&A's** **ALL**
- o Adjourn**

AO Overview

AO 99-OS-04 Solicits Proposals for:

- Remote Sensing Investigations**
- Science Team Members/Leads for Radar Team and Gravitation Team**

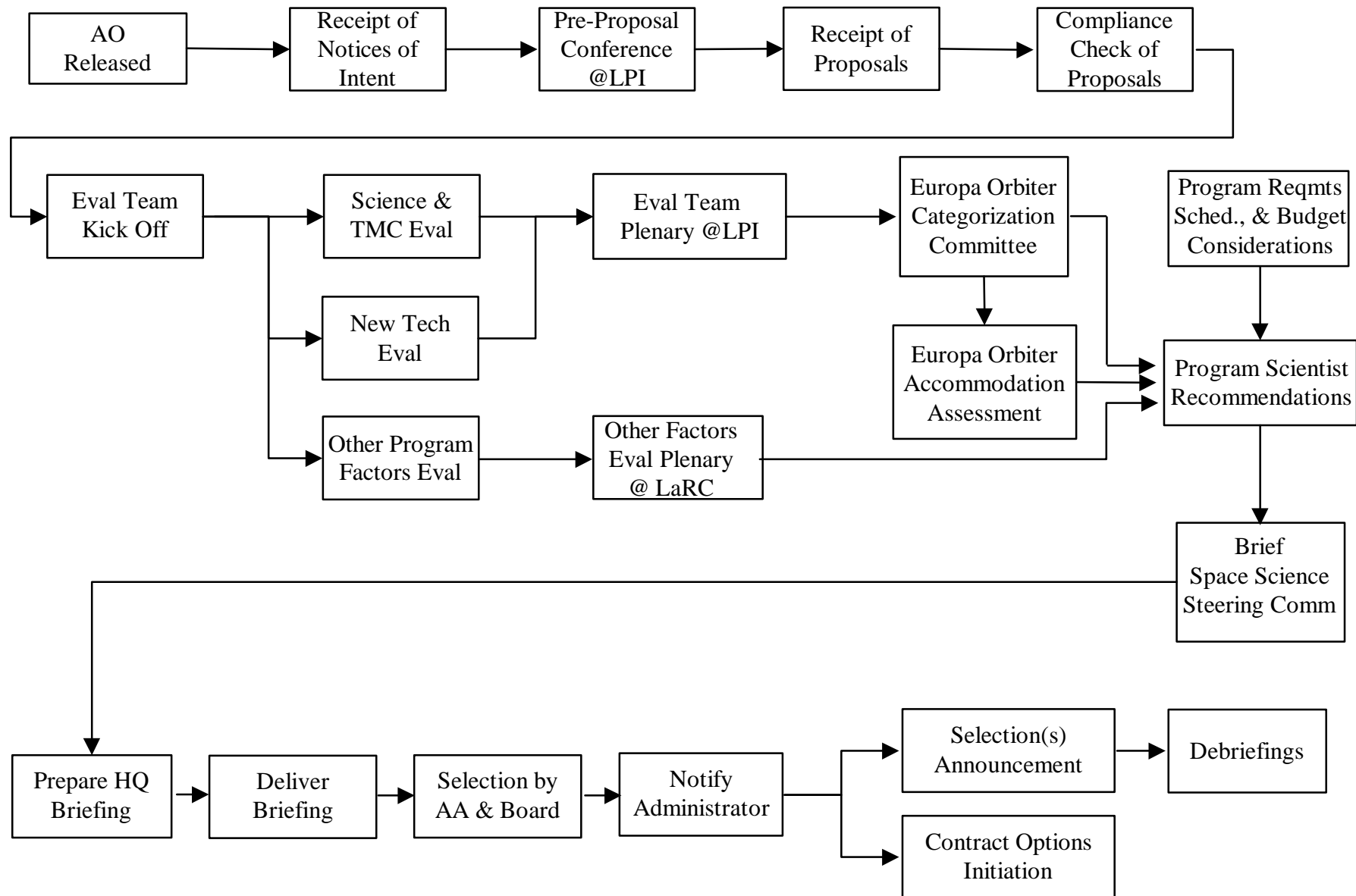
AO 99-OS-04 Does not Solicit proposals for Data Analysis only

Investigations for one of 3 missions:

- Europa Orbiter**
- Pluto-Kuiper Express**
- Solar Probe**

Europa Orbiter and Pluto-Kuiper Express

Evaluation and Selection Process



Evaluation Criteria

- **Criteria for Evaluation of Instrument Investigation Proposals**

- **Scientific Merit and Relevance to Mission Objectives (25)**
- **Technical Merit and Probability of Success (25)**
- **Mission Impact (20)**
- **Cost Risk and Feasibility of Implementation Plan (20)**
- **New Technology (10)**

- **Criteria for Evaluation of Science Team Member Proposals**

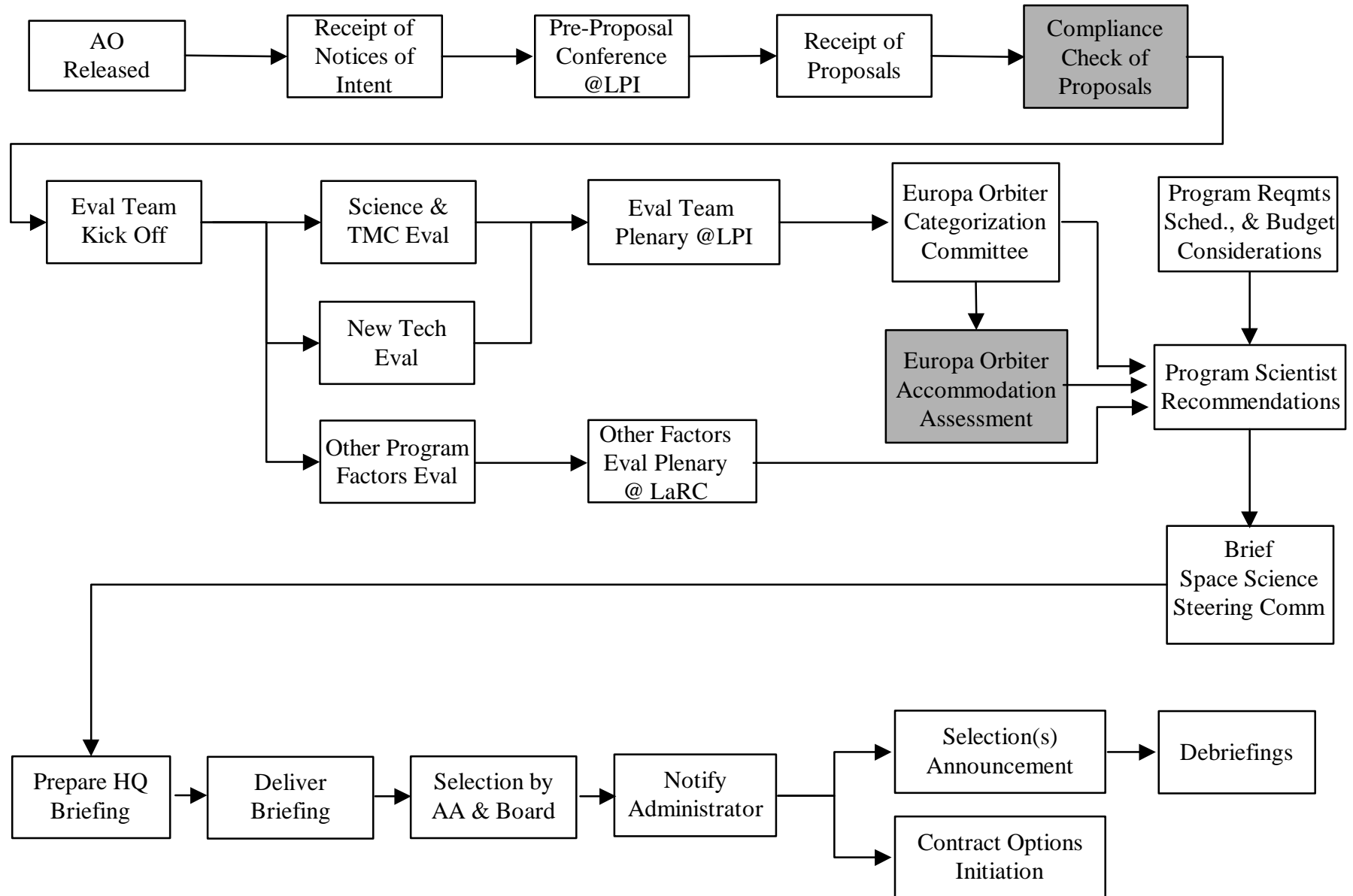
- (Europa Orbiter Radar Team)**

- **Scientific Merit (30)**
 - **Technical Merit and Feasibility (25)**
 - **Expertise (25)**
 - **Feasibility of Implementation Plan (20)**

- (Europa Orbiter Gravity Science Team)**

- **Scientific Merit (40)**
 - **Technical Merit and Feasibility (30)**
 - **Feasibility of Implementation Plan (30)**

Solar Probe Evaluation and Selection Process



AO Changes and Q/A's

I. Changes Presently on the WWW

@ <http://outerplanets.larc.nasa.gov/outerplanets>

- 1. Summary of Significant Changes from AO Draft**
- 2. Appendix D/Solar Probe opportunity clarification and Europa SDT mod**
- 3. PK Mission and Project Description change in slew rate**
- 4. Europa radiation environment change**
- 5. Deletion of early Pluto launch option**
- 6. Instrument I/F change resulting from deletion of microcontroller.**
- 7. Europa Radiation dosage change**
- 8. SP Telecommunication change**
- 9. SP Pointing stability**

II. Changes pending

- 1. Appendix E address change to E/PO website: now
<http://space science.nasa.gov/education/guide.html>**

Q & A's Posted

Q 1: What is EO non-radar power allocation?

A 1: When radar on use Table 6; when radar off power increase to 13 w per explanation below Table 6.

Q 2: What is real web address of Outerplanets Program Library?

A 2: Address is as listed in AO: <http://outerplanets.larc.nasa.gov/outerplanets>

Q & A's In Work

Q 3 through Q 34 to be discussed Today in the PPC